

Health Officer Role in Lead Case Management



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Lead Poisoning in Indiana

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- 10 ug/dL or higher
- 364 new cases in 2009
- 39% of Medicaid eligible children have had at least 1 blood lead test in their lifetime.
 - EPSDT requires a blood lead test at 12 and 24 months
- Do-It-Yourself projects
- Ethnic remedies
- EPA Renovation, Remodel and Painting Rule

Social Cost of Lead Poisoning to Indiana



- Using data from 2009 – 364 EBLL children
- Direct medical costs - \$249,440
- Social costs - \$6,387,187
 - Includes special education, juvenile justice and ADHD treatment
- Lost lifetime earnings - \$345,264,582
- Lost tax revenue to Indiana - \$34,526,458
- Abatement costs - \$3,931,200
 - Totally removing all lead hazards
 - Prevents any additional exposures

Blood Lead Testing Requirements

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- Determine the magnitude of lead poisoning within the health officer's jurisdiction (410 IAC 29-1-19)
 - Ensure blood lead testing of children at risk for lead poisoning
 - Partner with:
 - ✦ Maternal and child health programs
 - ✦ WIC programs
 - ✦ Community Action Agencies
 - ✦ Housing Authorities
 - ✦ Medical community
 - ✦ Schools, Community and Faith-based organizations
- Confirmatory testing

Case Management Requirements

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- **Home visit** (410 IAC 29-1-6) **that includes:**
 - Medical, developmental and behavioral history
 - Lead education (medical effects and environmental sources)
 - Developmental assessment
 - Nutritional assessment
 - Referrals to other social services as needed
- **Follow-up testing**
- **Follow-up case management services until the child achieves closure criteria**
 - Two (2) consecutive tests below 10 ug/dL

Environmental Inspection Requirements

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- Conduct risk assessment per 410 IAC 32 guidelines (structural sources of lead)
 - Identify hazards and potential remediation options
 - Provide a written report to the owner, tenant and ISDH
 - Educate the owner and tenant on the identified hazards and measures to protect the child from further poisoning
- Conduct environmental investigation (non-structural sources of lead)
 - Identify hazards and potential remediation options
 - Education on the hazards found and education on temporary and permanent measures to protect the child from further poisoning

Remediation

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- Enter upon and inspect private property in regard to the possible presence, source and cause of lead poisoning and lead hazards (410 IAC 29-4-1)
 - At proper times and after due notice
- Order what is reasonable and necessary to prevent lead poisoning or remediate lead hazards
- 180 days timeframe for remediation
- Refer property owners that refuse to remediate hazards to the appropriate legal staff to pursue legal action (410 IAC 29-4-3)

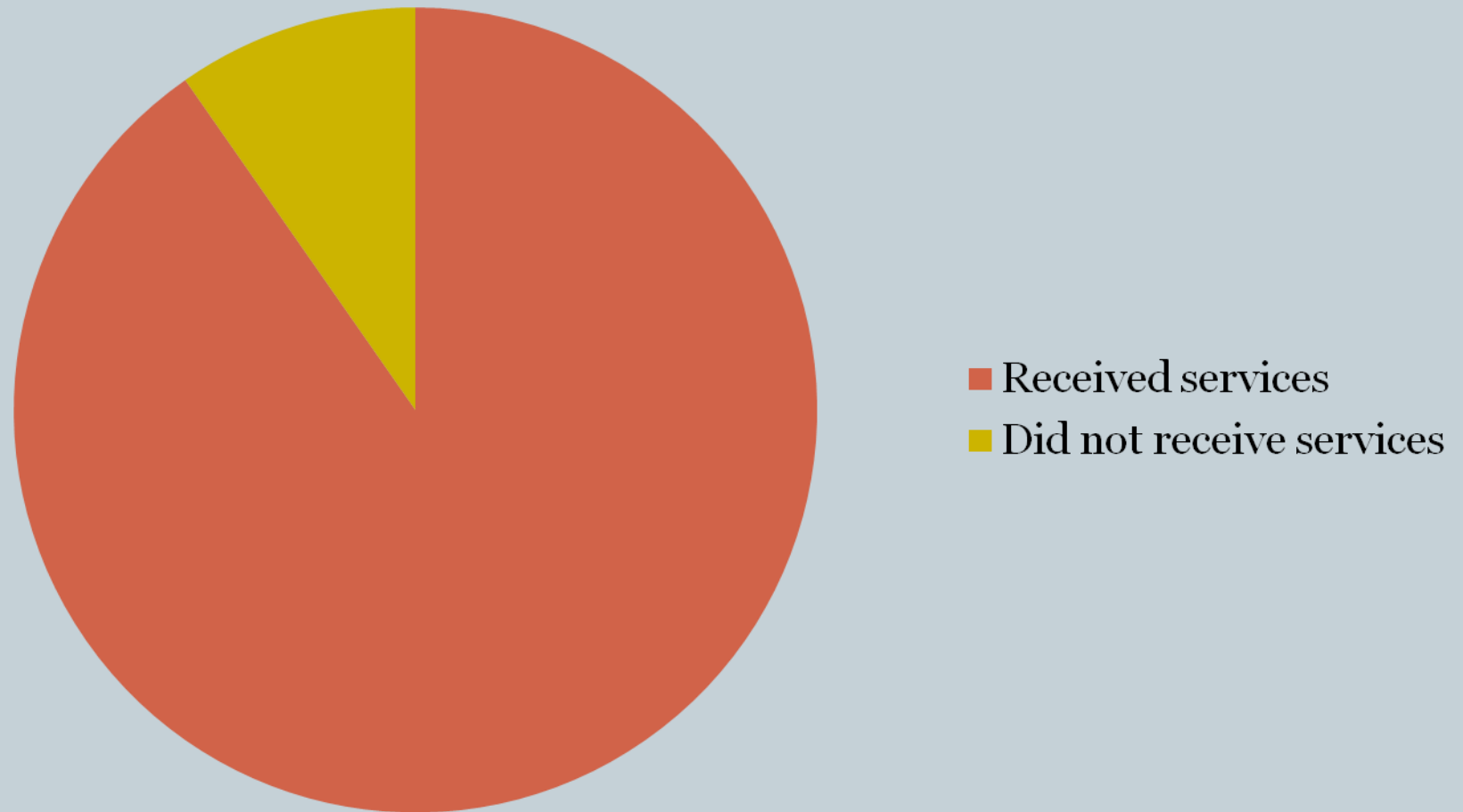
Resources

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- **Medicaid Reimbursement**
 - Blood lead testing (\$3.00 blood draw fee)
 - Laboratory analysis (\$16.72)
 - Case management and environmental investigation (\$614.01)
 - Developmental Assessment (Denver assessment)
- **Balance of State HUD Lead Hazard Control grant**
- **Patient Protection and Affordable Care Act of 2010**
 - Home visitation through Maternal and Child Health Program

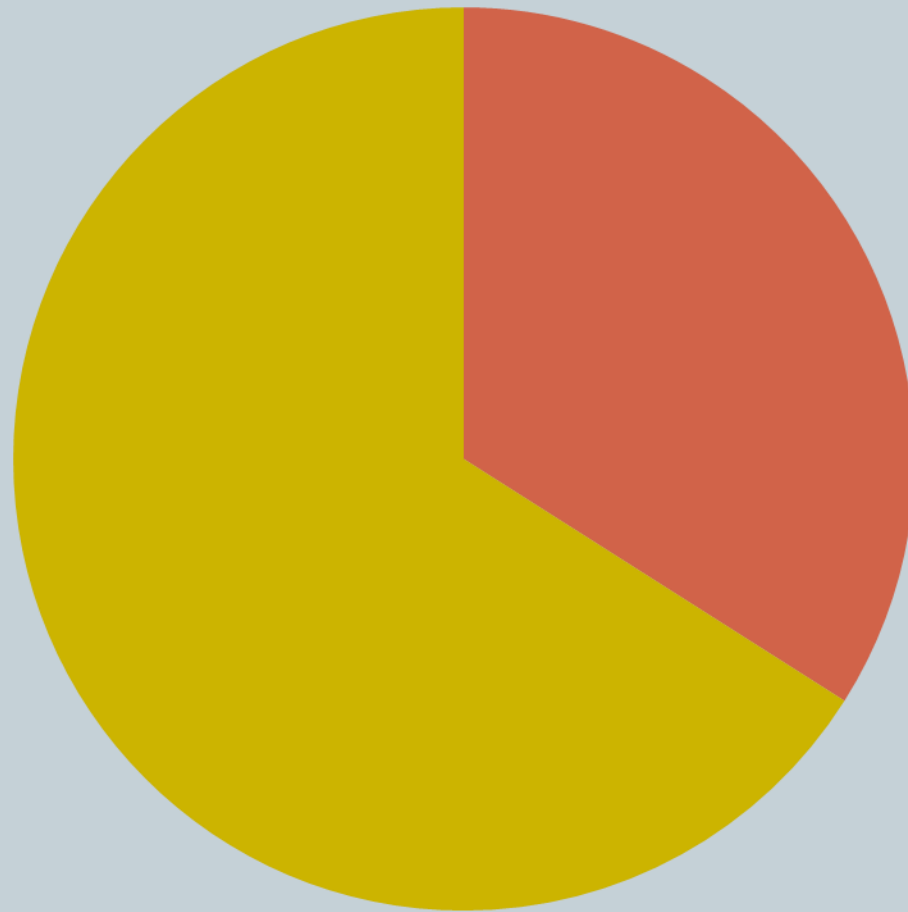
Case Management Services

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Environmental Investigations reported to ISDH

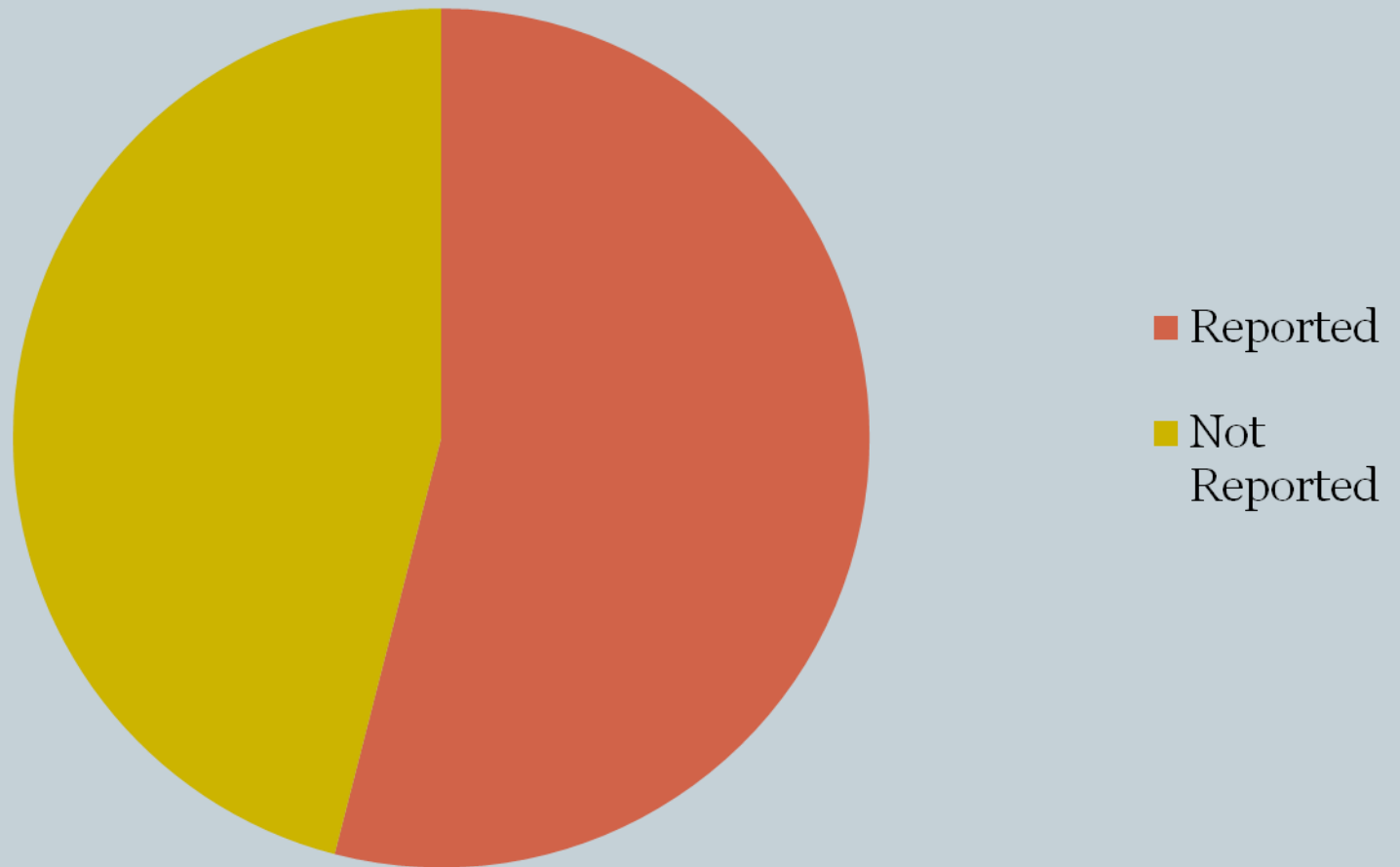
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- Percent reported to ISDH
- Percent not reported to ISDH

Case Management Services reported to ISDH

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Reporting Requirements

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- **Case Management activities**
 - Lead Poisoning Home Visit Form
- **Environmental Inspections**
 - Paper copy of report - pdf report
 - Indiana Lead Environmental Assessment Database (I-LEAD)
 - Clearance results
- **Housing Authorities**
 - Local health officers shall ensure that addresses associated with children with elevated blood lead levels are provided to federal, state and local organizations covered by 24 CFR. (410 IAC 29-3-3)
- **Legal Authority**

Contact Information

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